

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Benoit De Crombrugghe  
Haruhiko Akiyama

Serial No.: 10/534,099

Filed: March 21, 2006

For: HA4, A NEW OSTEOBLAST-AND  
CHONDROCYTE-SPECIFIC SMALL  
SECRETED PEPTIDE, COMPOSITIONS  
AND METHODS OF USE

Group Art Unit: 1636

Examiner: Unknown

Atty. Dkt. No.: UTSC:772US

**CERTIFICATE OF ELECTRONIC SUBMISSION**

DATE OF SUBMISSION: October 31, 2006

**REQUEST FOR CORRECTED FILING RECEIPT**

**MS MISSING PARTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

A corrected filing receipt is requested in view of the error that appears in the original. For the convenience of the Patent and Trademark Office, attached is a photocopy of the original receipt on which the error has been noted.

There is an error in the filing date. Please replace "03/31/2006" with -- 03/21/2006 --. In support of this requested correction, Applicants attach a copy of the return postcard date stamped by the Patent and Trademark Office on March 21, 2006.

No fee is believed to be due in connection with the filing of this document. However, should any fee under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this document, the Commissioner is authorized to deduct the appropriate fee from Fulbright & Jaworski Deposit Account No.: 50-1212/UTSC:772US.

Respectfully submitted,



Steven L. Highlander  
Reg. No. 37,642  
Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P.  
600 Congress Avenue, Suite 2400  
Austin, Texas 78701  
(512) 474-5201

Date: October 31, 2006



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/534,099	<del>03/31/2006</del> 03/21/2006	1636	715	UT#ASC:772US	9	23	7

32425  
FULBRIGHT & JAWORSKI L.L.P.  
600 CONGRESS AVE.  
SUITE 2400  
AUSTIN, TX 78701

CONFIRMATION NO. 2102

## FILING RECEIPT



\*OC000000019891037\*

Date Mailed: 08/04/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Benoit De Crombrughe, Houston, TX;  
Haruhiko Akiyama, Houston, TX;

Power of Attorney: The patent practitioners associated with Customer Number 32425.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US03/35139 11/04/2003  
which claims benefit of 60/423,690 11/04/2002

## Foreign Applications

If Required, Foreign Filing License Granted: 08/03/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/534,099**

Projected Publication Date: 11/09/2006

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

**Title**

Ha4,a new osteoblast-and chondrocyte-specific small secreted peptide, compositions and methods of use

**Preliminary Class**

514

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

**LICENSE FOR FOREIGN FILING UNDER****Title 35, United States Code, Section 184****Title 37, Code of Federal Regulations, 5.11 & 5.15****GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

RECEIVED 21 MAR 2006

Please indicate receipt of the below-identified paper: *1* Priority Date:

<input type="checkbox"/> New Application For:	CPA <input type="checkbox"/>
<input type="checkbox"/> Foreign priority already claimed	
<input type="checkbox"/> Continuation <input type="checkbox"/> CIP	
<input type="checkbox"/> Specification: Pages	<input type="checkbox"/> Divisional Sheets
<input type="checkbox"/> Response to Office Action Dated:	<input type="checkbox"/> Drawings: <input type="checkbox"/> Final Rejection
<input checked="" type="checkbox"/> Other: Response to Missing Parts; 2 Declarations; Sub. Seq. Statement; CRF; Paper copy of Sequence; Request for Extension of Time; copy of Notice; copy of Defective Res. use; transmittal letter; check for \$60.00; postcard	
<input type="checkbox"/> Assignment Enclosed	<input checked="" type="checkbox"/> Exp. Mail: EV 674811651 US

**IDENTIFICATION OF APPLICATION**

Serial No.: 10/534,099	TITLE: HA4, A NEW OBSTETRIC LAST- AND CHONDROCYTE-SPECIFIC SMALL SECRETED PEPTIDE,	
COMPOSITIONS AND METHODS OF USE		Attorney: SLH
Applicant: BENOIT DE GROMBRUGHE AND HARUHIKO AKIYAMA		F&I File No.: UTSC:772US
Client: BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM		Due Date:
Mailed: March 21, 2006	Filed:	